

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
SOUTHERN NATURAL GAS COMPANY
BEAR CREEK STORAGE FACILITY
PROPOSED PART 70 AIR OPERATING PERMIT RENEWAL AND MODIFICATION

The LDEQ, Office of Environmental Services, is accepting written comments on a proposed Part 70 Air Operating Permit renewal/modification for Southern Natural Gas Company, 195 State Highway 504, 4 Box 625 for the Bear Creek Storage Facility. **The facility is located at 10275 Highway 507, Bienville, Bienville Parish.**

In this proposed Part 70 Air Operating Permit, Southern Natural Gas Company (SNG) requested the following changes to its current Part 70 Air Operating Permit:

1. To renew its Part 70 Air Operating Permit for the Bear Creek Storage Facility.
2. To remove the authorization to install NO_x reduction technology on its four reciprocating compression engines as approved in Permit No. 0360-00010-V1 issued on October 10, 2006. This project was a voluntary project which was expected to enhance the mixing of the fuel and air in the cylinders of the engines prior to combustion, resulting in an anticipated increase in fuel efficiency, a reduction in NO_x emissions, and a decrease in maintenance costs. Due to unforeseen technical issues, the project was never implemented and the authorization to install the technology expired. This permit will reflect pre-project emission rates.
3. To update the Insignificant Activities and General Condition XVII lists.
4. To reconcile emissions based on updated emission factors and to include hazardous air pollutant emissions which were inadvertently omitted during the last permit modification.

In this proposed Part 70 Air Operating Permit, Southern Natural Gas Company is not proposing any physical or operational modifications to the facility. As such, there are no actual emissions increases associated with this permit. The increase in permitted NO_x emissions depicted in the table below is from the removal of a NO_x reduction technology project that was approved in a previous permit, but was never implemented; the permitted increase in NO_x reflects pre-project emission rates. In addition, the Bear Creek Storage Facility is located in Bienville Parish which is in attainment for all regulated pollutants. As such, New Source Review (NSR) regulations do not apply.

Estimated emissions in tons per year (TPY) for the Bear Creek Storage Facility are as follows:

Pollutant	Before	After	Change
PM ₁₀	59.89	59.84	- 0.05
SO ₂	0.90	0.91	+ 0.01
NO _x	2,559.81	3,188.79	+ 628.98
CO	424.62	423.71	- 0.91
VOC	201.75	201.67	- 0.08

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Thursday, February 4, 2010.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The permit application updated with all additional information received, the statement of basis, and the proposed Part 70 Air Operating Permit are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.**

Additional copies may be reviewed at Bienville Parish Library – Headquarters, 2768 Maple Street, Arcadia, LA 71001-3699.

Inquiries or requests for additional information regarding this permit action should be directed to Kyle Prestenbach, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3132.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmaillistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 4042, Permit Number 0360-00010-V3, and Activity Number PER20090001.

Scheduled for publication: Thursday, December 31, 2009



BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20090001
Agency Interest No. 4042

Mr. Len Hannegan
Area Manager
Southern Natural Gas Company
195 State Highway 504, 4 Box 625
Natchitoches, LA 71457

RE: Part 70 Operating Permit, Bear Creek Storage Facility, Southern Natural Gas Company, Bienville, Bienville Parish, Louisiana

Dear Mr. Hannegan:

This is to inform you that the permit renewal for the above referenced facility has been approved under LAC 63:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2015, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2010.

Permit No.: 0360-00010-V3

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:kap
c: EPA Region VI

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Bear Creek Storage Facility
Agency Interest No.: 4042
Southern Natural Gas Company
Bienville, Bienville Parish, Louisiana**

I. Background

Southern Natural Gas Company, a division of El Paso Corporation, operates the Bear Creek Storage Facility, an existing natural gas transmission facility. The Bear Creek Storage Facility began operation in February 1981 and currently operates under Part 70 Operating Permit No. 0360-00010-V2 issued on January 21, 2009 and Permit No. PSD-LA-85 issued on March 22, 1979 and modified on January 16, 1981.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire, dated September 25, 2009, were submitted by Southern Natural Gas Company a Part 70 Operating Permit renewal. Additional information dated October 23, 2009 and December 9, 2009 was also received.

III. Description

Southern Natural Gas Company (SNG) is a transporter of natural gas from production fields located in Texas and Louisiana to markets in the Southeastern portion of the country. Located along the transmission pipeline are stations that recompress the gas.

The function of the Bear Creek Storage Facility is to either inject natural gas into underground formations for storage during periods of low demand or withdraw the natural gas for transmission during periods of high demand. Compressors, driven by natural gas-fired engines, compress natural gas for either injection or transmission depending on the seasonal demand. Natural gas is stored in underground formations. The actual pressure of the natural gas in these formations varies as the seasonal demand for natural gas varies. In general, the natural gas is injected in summer and withdrawn in the winter. If the pressure of the natural gas in the underground formations is high, the pressure drop during the withdrawal process can cause the temperature of the gas to decrease. This temperature variation causes condensation and freezing of condensable vapors in the gas. The facility's withdrawal heaters are used to maintain gas temperature above the freezing point of the liquids.

The facility's three (3) 300 million cubic feet per day (MMCFD) capacity dehydration and hydrocarbon recovery units each consists of four drying towers, flash separators, and

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associated coolers and compressors. The towers are packed with solid desiccant beds of resin supported on a grated screen and gravel. The resin absorbs water as the gas stream passes through the bed. When the resin becomes saturated with water, the gas stream is switched to another dryer tower while the first tower's resin is regenerated, which is accomplished by heating the resin to evaporate, condense, and collect the absorbed water. The necessary heat is supplied by the three (3) regenerative heaters.

The facility's six (6) 54,600-gallon condensate storage tanks are utilized to store condensate liquid extracted during the natural gas storage. The source of the condensate liquid is the depressurization of natural gas in the natural gas storage. Condensate from the condensate storage tanks is periodically offloaded onto tanker trucks for transportation offsite. Similar to the condensate storage tanks, the four (4) 54,600 gallon saltwater storage tanks store saltwater that is removed from the natural gas stream during injection and withdrawal.

In this Part 70 Operating Permit, Southern Natural Gas Company requested the following:

1. To renew its Part 70 Operating Permit for the Bear Creek Storage Facility.
2. To remove the authorization to install NO_x reduction technology on its four reciprocating compression engines as approved in Permit No. 0360-00010-V1 issued on October 10, 2006. This project was a voluntary project which was expected to enhance the mixing of the fuel and air in the cylinders of the engines prior to combustion, resulting in an anticipated increase in fuel efficiency, a reduction in NO_x emissions, and a decrease in maintenance costs. Due to unforeseen technical issues, the project was never implemented and the authorization to install the technology expired. This permit will reflect pre-project emission rates.
3. To correct the volume of Saltwater Tank No. 7 from 10,000 gallons as listed in the Inventories Section of the TEMPO report to 54,600 gallons.
4. To remove the 4.5 MMBTU/hr boiler from the Insignificant Activity list; this boiler was installed at the adjacent SNG Bienville Compressor Station and has been reflected in that facility's Title V permit.
5. To correct the capacity of the 3.5 MMBTU/hr boiler, as listed in the current permit. to 3.0 MMBTU/hr.
6. To remove the 60 gallon scrubber oil tank from the Insignificant Activity list; this tank was removed from the facility in 2003.

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7. To add an ethylene glycol storage tank, an oily water storage tank, and several small combustion sources to the Insignificant Activity list.
8. To update the General Condition XVII list.

In this Part 70 Operating Permit renewal and reconciliation, Southern Natural Gas Company is not proposing any physical or operational modifications to the facility. As such, there are no actual emissions increases associated with this permit. The increase in permitted NO_x emissions depicted in the table below is from the removal of a NO_x reduction technology project that was approved in a previous permit, but was never implemented; the permitted increase in NO_x reflects pre-project emission rates. Other changes in emissions are the result of using updated emission factors when performing emissions calculations and including hazardous air pollutant (HAP) emissions which were inadvertently omitted during the last permit modification. In addition, the Bear Creek Storage Facility is located in Bienville Parish which is in attainment for all regulated pollutants. As such, New Source Review (NSR) regulations do not apply.

Estimated emissions in tons per year (TPY) for the Bear Creek Storage Facility are as follows:

Pollutant	Before	After	Change
PM ₁₀	59.89	59.84	- 0.05
SO ₂	0.90	0.91	+ 0.01
NO _x	2,559.81	3,188.79	+ 628.98
CO	424.62	423.71	- 0.91
VOC *	201.75	201.67	- 0.08

*VOC LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs):			
Pollutant	Before	After	Change
Benzene	0.295	0.321	+ 0.026
Ethyl Benzene	0.355	0.503	+ 0.148
Ethylene Glycol	0.322	0.322	-
Formaldehyde	81.319	65.398	- 15.921
n-Hexane	1.314	1.569	+ 0.255

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*VOC LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs):			
Pollutant	Before	After	Change
Toluene	0.718	0.835	+ 0.117
Xylene	1.788	2.149	+ 0.361
Total	86.111	71.097	- 15.014

Other VOC (TPY)		130.57	
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IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) regulations do apply.

This facility is classified as a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. Emissions of formaldehyde are from the combustion of natural gas in the facility's natural gas fired internal combustion engines and are exempt from the Louisiana Air Toxic Regulations per LAC 33:III.5105.B.3.a. However, formaldehyde emissions are above the hazardous air pollutants (HAP) major source threshold of 10 tons per year. Therefore, the Bear Creek Storage Facility is considered a major source of HAPs under the federal program.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

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VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed facility were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

Dispersion Model(s) Used: <None>

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
< N/A >			

VIII. General Condition XVII Activities

Work Activity	Schedule	Emission Rates - tons				
		PM ₁₀	SO ₂	NO _x	CO	VOC
Engine Startup	Daily	< 0.01	< 0.01	0.05	< 0.01	< 0.01
Engine Shutdown	Daily	-	-	-	-	Neg.
Testing/Venting of ESD System	Annually	-	-	-	-	4.37
Pigging	Annually	-	-	-	-	3.68
Vessel/Pipeline Blowdown	Semiannually	-	-	-	-	3.68

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IX. Insignificant Activities

ID No.:	Description	Citation
-	Cleaver Brooks Boiler; 3.0 MMBTU/hr	LAC 33:III.501.B.5.A.1
-	(2) Hot Water Heaters; < 1 MMBTU/hr	LAC 33:III.501.B.5.A.1
-	(3) Comfort Air Furnaces; < 1 MMBT/hr	LAC 33:III.501.B.5.A.1
-	(4) Comfort Space Heaters; < 1 MMBTU/hr	LAC 33:III.501.B.5.A.1
-	Used Oil Tank; 2,500 gallons	LAC 33:III.501.B.5.A.3
-	Chemical Injection Tank; 400 gallons	LAC 33:III.501.B.5.A.3
-	Ethylene Glycol Tank; 2,500 gallons	LAC 33:III.501.B.5.A.3
-	Oily Water Tote; 500 gallons	LAC 33:III.501.B.5.A.3

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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X.	Table 1. Applicable Louisiana and Federal Air Quality Requirements																	
	ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter										
2103			2107	2108	2111	2113	2121	5 ^A	9	11	13	15	22	29*	51*	53*	56	59*
UNF	Entire Facility					1		1	1	1	1			1	2		1	
EQT002	001C-001, Reciprocating Compressor Engine # 1								1	1	1	3						
EQT003	001C-002, Reciprocating Compressor Engine # 2								1	1	1	3						
EQT004	001C-003, Reciprocating Compressor Engine # 3								1	1	1	3						
EQT005	001C-004, Reciprocating Compressor Engine # 4								1	1	1	3						
EQT006	003G-001, Generator Engine # 1								1	1	1	3						
EQT007	003G-002, Generator Engine #2								1	1	1	3						
EQT008	003A-001, Air Compressor Engine								1	1	1	3						
EQT009	004H-001, Regenerative Heater # 1								1	1	1	3						
EQT010	004H-002, Regenerative Heater # 2								1	1	1	3						
EQT011	004H-003, Regenerative Heater # 3								1	1	1	3						
EQT012	007H-001, Withdrawal Gas Heater # 1								1	1	1	3						
EQT013	007H-002, Withdrawal Gas Heater # 2								1	1	1	3						
EQT014	007H-003, Withdrawal Gas Heater # 3								1	1	1	3						
EQT015	007H-004, Withdrawal Gas Heater # 4								1	1	1	3						
EQT016	007H-005, Withdrawal Gas Heater # 5								1	1	1	3						
EQT017	009T-001, Condensate Tank # 1	2																
EQT018	009T-002, Condensate Tank # 2	2																

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements																			
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		2103	2107	2108	2111	2113	2121	5 [▲]	9	11	13	15	22	29*	51*	53*	56	59*	
EQT019	009T-003, Condensate Tank # 3	2																	
EQT020	009T-004, Condensate Tank # 4	2																	
EQT021	009T-005, Condensate Tank # 5	2																	
EQT022	009T-006, Condensate Tank # 6	2																	
EQT023	009T-007, Saltwater Tank # 7	3																	
EQT024	009T-008, Saltwater Tank # 8	3																	
EQT025	009T-009, Saltwater Tank # 9	3																	
EQT026	009T-010, Saltwater Tank # 10	3																	
EQT027	001FM-002, Truck Loading			2															
EQT028	009T-012, 10,000 gallon Lube Oil Tank	3																	
FUG001	001FM-001, Fugitive Emissions				1						3								

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

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KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank -- The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bear Creek Storage Facility
 Agency Interest No.: 4042
 Southern Natural Gas Company
 Bienville, Bienville Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60						40 CFR 61					40 CFR 63				40 CFR	
		K	Ka	Kb	Dc	KKK	JJJ	A	J	V	A	HH	SS	VV	ZZZZ	52	64	68
EQT017	009T-001, Condensate Tank # 1		2															
EQT018	009T-002, Condensate Tank # 2		2															
EQT019	009T-003, Condensate Tank # 3		2															
EQT020	009T-004, Condensate Tank # 4		2															
EQT021	009T-005, Condensate Tank # 5		2															
EQT022	009T-006, Condensate Tank # 6		2															
EQT023	009T-007, Saltwater Tank # 7		3															
EQT024	009T-008, Saltwater Tank # 8		3															
EQT025	009T-009, Saltwater Tank # 9		3															
EQT026	009T-010, Saltwater Tank # 10		3															
EQT027	001FM-002, Truck Loading																	
EQT028	009T-012, 10,000 gallon Lube Oil Tank		3															
FUG001	001FM-001, Fugitive Emissions						3											

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-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
UNF001	LAC 33:III.Chapter 51 – Comprehensive Toxic Air Pollutant (TAP) Emission Control Program 40 CFR 64 – Compliance Assurance Monitoring (CAM)	Exempt Does not apply	LAC 33:III.5105.B.3.a 40 CFR 64.2(a)(2)	Combustion sources combust natural gas, a Group 1 virgin fossil fuel. The facility does not use control devices to achieve compliance with any limitations or standards.
EQT002 – EQT007	LAC 33:III.Chapter 15 - Emission Standards for Sulfur Dioxide 40 CFR 60 Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion (IC) Engines 40 CFR 63 Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating IC Engines	Does not apply Does not apply Does not apply	LAC 33:III.1502.A.3 40 CFR 60.4230(a)(4) 40 CFR 63.6590(b)(3)	Sources emit less than 5 tons per year of sulfur dioxide into the atmosphere. Engines were installed prior to June 12, 2006 and manufactured prior to July 1, 2007. Engines are existing two stroke lean burn stationary reciprocating IC engines.
EQT008 EQT012 – EQT016 EQT009 – EQT011	LAC 33:III.Chapter 15 - Emission Standards for Sulfur Dioxide LAC 33:III.Chapter 15 - Emission Standards for Sulfur Dioxide 40 CFR 60 Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units	Does not apply Does not apply Does not apply	LAC 33:III.1502.A.3 LAC 33:III.1502.A.3 40 CFR 60.40c(a)	Sources emit less than 5 tons per year of sulfur dioxide into the atmosphere. Sources emit less than 5 tons per year of sulfur dioxide into the atmosphere. Sources were not constructed, modified, or reconstructed after June 9, 1989.
EQT017 - EQT022	LAC 33:III.2103 - Storage of VOCs 40 CFR 60 Subpart Ka – Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984	Exempt Exempt	LAC 33:III.2103.G.1 40 CFR 60.110a(b)	Tanks store condensate in Bienville Parish and have volumes less than 420,000 gallons. Tanks store crude oil or condensate prior to custody transfer and have volumes less than 420,000 gallons.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source				
ID No:	Requirement	Status	Citation	Explanation
EQT023, EQT028	LAC 33:III.2103 - Storage of VOCs	Does not apply	LAC 33:III.2103.A	The vapor pressure of the stored material is less than 1.5 psia.
	40 CFR 60 Subpart Ka - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984	Does not apply	40 CFR 60.110a(a)	Tank volumes are less than 40,000 gallons.
EQT024 - EQT026	LAC 33:III.2103 - Storage of VOCs	Does not apply	LAC 33:III.2103.A	The vapor pressure of the stored material is less than 1.5 psia.
	40 CFR 60 Subpart Ka - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984	Does not apply	40 CFR 60.110a(a)	Tanks do not store petroleum liquids.
EQT027 FUG001	LAC 33:III.2107 - VOC Loading	Exempt	LAC 33:III.2107.F	Source is a condensate loading facility.
	LAC 33:III.2121 - Fugitive Emission Control	Does not apply	LAC 33:III.2121.A	Facility is not a natural gas processing plant.
	40 CFR 60 Subpart KKK - Standards of Performance for Equipment Leaks of VOC From Onshore Natural Gas Processing Plants	Does not apply	40 CFR 60.630(a)(1)	Facility is not a natural gas processing unit.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table I) of this permit.

INVENTORIES

AI ID: 4042 - Bear Creek Storage Facility
 Activity Number: PER20090001
 Permit Number: 0360-00010-V3
 Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT 0002	001C-001 - Reciprocating Compressor Engine No. 1 - Cooper-Bessemer 20Q-155H			7000 horsepower		8760 hr/yr
EQT 0003	001C-002 - Reciprocating Compressor Engine No. 2 - Cooper-Bessemer 20Q-155H			7000 horsepower		8760 hr/yr
EQT 0004	001C-003 - Reciprocating Compressor Engine No. 3 - Cooper-Bessemer 20Q-155H			7000 horsepower		8760 hr/yr
EQT 0005	001C-004 - Reciprocating Compressor Engine No. 4 - Cooper-Bessemer 20Q-155H			7000 horsepower		8760 hr/yr
EQT 0006	003G-001 - Generator Engine No. 1 - Caterpillar G399			930 horsepower		500 hr/yr
EQT 0007	003G-002 - Generator Engine No. 2 - Caterpillar G399			930 horsepower		500 hr/yr
EQT 0008	003A-001 - Air Compressor Engine - Waukesha VRG265			67 horsepower		500 hr/yr
EQT 0009	004H-001 - Regenerative Heater No. 1 - CE Natco H-0500		18.87 MM BTU/hr	18.5 MM BTU/yr		8760 hr/yr
EQT 0010	004H-002 - Regenerative Heater No. 2 - CE Natco H-0500		18.87 MM BTU/hr	18.5 MM BTU/yr		8760 hr/yr
EQT 0011	004H-003 - Regenerative Heater No. 3 - CE Natco H-0500		18.87 MM BTU/hr	18.5 MM BTU/yr		8760 hr/yr
EQT 0012	007H-001 - Withdrawal Gas Heater No. 1 - Texas Tanque Mfg. Co. 0-2055		2.55 MM BTU/hr	2.55 MM BTU/yr		8760 hr/yr
EQT 0013	007H-002 - Withdrawal Gas Heater No. 2 - Texas Tanque Mfg. Co. 0-2055		2.55 MM BTU/hr	2.55 MM BTU/yr		8760 hr/yr
EQT 0014	007H-003 - Withdrawal Gas Heater No. 3 - Texas Tanque Mfg. Co. 0-2055		2.55 MM BTU/hr	2.55 MM BTU/yr		8760 hr/yr
EQT 0015	007H-004 - Withdrawal Gas Heater No. 4 - Smalling Technology Inc. P2999		8.16 MM BTU/hr	8.16 MM BTU/yr		8760 hr/yr
EQT 0016	007H-005 - Withdrawal Gas Heater No. 5 - Smalling Technology Inc. P2999		8.16 MM BTU/hr	8.16 MM BTU/yr		8760 hr/yr
EQT 0017	009T-001 - Condensate Tank No. 1	54600 gallons		864000 gallons/yr		8760 hr/yr
EQT 0018	009T-002 - Condensate Tank No. 2	54600 gallons		864000 gallons/yr		8760 hr/yr
EQT 0019	009T-003 - Condensate Tank No. 3	54600 gallons		864000 gallons/yr		8760 hr/yr
EQT 0020	009T-004 - Condensate Tank No. 4	54600 gallons		864000 gallons/yr		8760 hr/yr
EQT 0021	009T-005 - Condensate Tank No. 5	54600 gallons		864000 gallons/yr		8760 hr/yr
EQT 0022	009T-006 - Condensate Tank No. 6	54600 gallons		864000 gallons/yr		8760 hr/yr
EQT 0023	009T-007 - Saltwater Tank No. 7	54600 gallons		54600 gallons/yr		8760 hr/yr
EQT 0024	009T-008 - Saltwater Tank No. 8	54600 gallons		54600 gallons/yr		8760 hr/yr
EQT 0025	009T-009 - Saltwater Tank No. 9	54600 gallons		54600 gallons/yr		8760 hr/yr
EQT 0026	009T-010 - Saltwater Tank No. 10	54600 gallons		54600 gallons/yr		8760 hr/yr
EQT 0027	001FM-002 - Truck Loading			7 MM gallons/yr		875 hr/yr
EQT 0028	009T-012 - 10,000 gallon Lube Oil Tank	10000 gallons		10000 gallons/yr		8760 hr/yr
FUG 0001	001FM-001 - Fugitive Emissions					8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)

INVENTORIES

AI ID: 4042 - Bear Creek Storage Facility
 Activity Number: PER20090001
 Permit Number: 0360-00010-V3
 Air - Title V Regular Permit Renewal

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT 0002	001C-001 - Reciprocating Compressor Engine No. 1 - Cooper-Bessemer 20C-155H	90.4	55211	3.5		42.75	600
EQT 0003	001C-002 - Reciprocating Compressor Engine No. 2 - Cooper-Bessemer 20C-155H	90.4	55211	3.5		42.75	600
EQT 0004	001C-003 - Reciprocating Compressor Engine No. 3 - Cooper-Bessemer 20C-155H	90.4	55211	3.5		42.75	600
EQT 0005	001C-004 - Reciprocating Compressor Engine No. 4 - Cooper-Bessemer 20C-155H	90.4	55211	3.5		42.75	600
EQT 0006	003G-001 - Generator Engine No. 1 - Caterpillar G399	15	1018	1		33	1125
EQT 0007	003G-002 - Generator Engine No. 2 - Caterpillar G399	15	1018	1		33	1125
EQT 0008	003A-001 - Air Compressor Engine - Waukesha VRG265			2		16	
EQT 0009	004H-001 - Regenerative Heater No. 1 - CE Naico H-0500	4	754	2		15	600
EQT 0010	004H-002 - Regenerative Heater No. 2 - CE Naico H-0500	4	754	2		15	600
EQT 0011	004H-003 - Regenerative Heater No. 3 - CE Naico H-0500	4	754	2		15	600
EQT 0012	007H-001 - Withdrawal Gas Heater No. 1 - Texas Tanque Mig. Co. 0-2055	10.03	1890	2		25	200
EQT 0013	007H-002 - Withdrawal Gas Heater No. 2 - Texas Tanque Mig. Co. 0-2055	10.03	1890	2		25	200
EQT 0014	007H-003 - Withdrawal Gas Heater No. 3 - Texas Tanque Mig. Co. 0-2055	10.03	1890	2		25	200
EQT 0015	007H-004 - Withdrawal Gas Heater No. 4 - Smalling Technology Inc. P2999	33	3502	1.5		25	300
EQT 0016	007H-005 - Withdrawal Gas Heater No. 5 - Smalling Technology Inc. P2999	33	3502	1.5		25	300
EQT 0017	009T-001 - Condensate Tank No. 1					24	
EQT 0018	009T-002 - Condensate Tank No. 2					24	
EQT 0019	009T-003 - Condensate Tank No. 3					24	
EQT 0020	009T-004 - Condensate Tank No. 4					24	
EQT 0021	009T-005 - Condensate Tank No. 5					24	
EQT 0022	009T-006 - Condensate Tank No. 6					24	
EQT 0023	009T-007 - Saltwater Tank No. 7					11	
EQT 0024	009T-008 - Saltwater Tank No. 8					11	
EQT 0025	009T-009 - Saltwater Tank No. 9					11	
EQT 0026	009T-010 - Saltwater Tank No. 10					11	
EQT 0027	001FM-002 - Truck Loading						
EQT 0028	009T-012 - 10,000 gallon Lube Oil Tank					11	
FUG 0001	001FM-001 - Fugitive Emissions						

Relationships:

INVENTORIES

AI ID: 4042 - Bear Creek Storage Facility
 Activity Number: PER20090001
 Permit Number: 0360-00010-V3
 Air - Title V Regular Permit Renewal

Subject Item Groups:

ID	Group Type	Group Description
UNF 0001	Unit or Facility Wide	- Entire Facility

Group Membership:

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1450	1450 Recip. Nat Gas Comp (20,000 to 50,000 H.P.)	280	100 hp

SIC Codes:

4922	Natural gas transmission	AI 4042
4922	Natural gas transmission	UNF 001

EMISSION RATES FOR CKIIERIA POLLUTANTS

AI ID: 4042 - Bear Creek Storage Facility
Activity Number: PER20090001
Permit Number: 0360-00010-V3
Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
EQT 0002 001C-001	21.60	21.60	94.61	180.50	180.50	790.59	3.26	3.26	14.28	0.04	0.04	0.17	8.10	8.10	35.48
EQT 0003 001C-002	21.60	21.60	94.61	180.50	180.50	790.59	3.26	3.26	14.28	0.04	0.04	0.17	8.10	8.10	35.48
EQT 0004 001C-003	21.60	21.60	94.61	180.50	180.50	790.59	3.26	3.26	14.28	0.04	0.04	0.17	8.10	8.10	35.48
EQT 0005 001C-004	21.60	21.60	94.61	180.50	180.50	790.59	3.26	3.26	14.28	0.04	0.04	0.17	8.10	8.10	35.48
EQT 0006 003G-001	31.14	31.14	7.78	19.00	19.00	4.75	0.16	0.16	0.04	<0.01	<0.01	<0.01	0.25	0.25	0.06
EQT 0007 003G-002	31.14	31.14	7.78	19.00	19.00	4.75	0.16	0.16	0.04	<0.01	<0.01	<0.01	0.25	0.25	0.06
EQT 0008 003A-001	2.23	2.23	0.56	1.36	1.36	0.34	0.01	0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.02	0.01
EQT 0009 004H-001	1.55	1.55	6.81	0.40	0.40	1.75	0.14	0.14	0.62	0.01	0.01	0.05	0.10	0.10	0.45
EQT 0010 004H-002	1.55	1.55	6.81	0.40	0.40	1.75	0.14	0.14	0.62	0.01	0.01	0.05	0.10	0.10	0.45
EQT 0011 004H-003	1.55	1.55	6.81	0.40	0.40	1.75	0.14	0.14	0.62	0.01	0.01	0.05	0.10	0.10	0.45
EQT 0012 007H-001	0.21	0.21	0.92	0.25	0.25	1.10	0.02	0.02	0.08	<0.01	<0.01	0.01	0.01	0.01	0.06
EQT 0013 007H-002	0.21	0.21	0.92	0.25	0.25	1.10	0.02	0.02	0.08	<0.01	<0.01	0.01	0.01	0.01	0.06
EQT 0014 007H-003	0.21	0.21	0.92	0.25	0.25	1.10	0.02	0.02	0.08	<0.01	<0.01	0.01	0.01	0.01	0.06
EQT 0015 007H-004	0.67	0.67	2.94	0.80	0.80	3.50	0.06	0.06	0.27	<0.01	<0.01	0.02	0.04	0.04	0.19
EQT 0016 007H-005	0.67	0.67	2.94	0.80	0.80	3.50	0.06	0.06	0.27	<0.01	<0.01	0.02	0.04	0.04	0.19
EQT 0017 009T-001													1.03	1.03	4.52
EQT 0018 009T-002													1.03	1.03	4.52
EQT 0019 009T-003													1.03	1.03	4.52
EQT 0020 009T-004													1.03	1.03	4.52
EQT 0021 009T-005													1.03	1.03	4.52
EQT 0022 009T-006													1.03	1.03	4.52
EQT 0023 009T-007													1.03	1.03	4.52
EQT 0024 009T-008													<0.01	<0.01	<0.01

EMISSION RATES FOR CRIEKIA POLLUTANTS

AI ID: 4042 - Bear Creek Storage Facility

Activity Number: PER20090001

Permit Number: 0360-00010-V3

Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
EQT 0025 009T-009													<0.01	<0.01	<0.01
EQT 0026 009T-010													<0.01	<0.01	<0.01
EQT 0027 001FM-002													33.66	39.12	14.73
EQT 0028 009T-012													<0.01	<0.01	<0.01
FUG 0001 001FM-001													3.62	3.62	15.87

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 4042 - Bear Creek Storage Facility

Activity Number: PER20090001

Permit Number: 0360-00010-V3

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQI 0002 001C-001	Formaldehyde	3.73	3.73	16.32
EQI 0003 001C-002	Formaldehyde	3.73	3.73	16.32
EQI 0004 001C-003	Formaldehyde	3.73	3.73	16.32
EQI 0005 001C-004	Formaldehyde	3.73	3.73	16.32
EQI 0006 003B-001	Formaldehyde	0.17	0.17	0.04
EQI 0007 003B-002	Formaldehyde	0.17	0.17	0.04
EQI 0008 003A-001	Formaldehyde	0.01	0.01	<0.01
EQI 0009 004I-001	Formaldehyde	0.001	0.001	0.006
EQI 0010 004I-002	Formaldehyde	0.001	0.001	0.006
EQI 0011 004I-003	Formaldehyde	0.001	0.001	0.006
EQI 0012 007I-001	Formaldehyde	<0.001	<0.001	<0.001
EQI 0013 007I-002	Formaldehyde	<0.001	<0.001	<0.001
EQI 0014 007I-003	Formaldehyde	<0.001	<0.001	<0.001
EQI 0015 007I-004	Formaldehyde	<0.001	<0.001	0.003
EQI 0016 007I-005	Formaldehyde	<0.001	<0.001	0.003
EQI 0017 009F-001	Benzene	0.002	0.002	0.011
	Toluene	0.011	0.011	0.047
	Xylene (mixed isomers)	0.033	0.033	0.146
	n-Hexane	0.024	0.024	0.103
EQI 0018 009F-002	Benzene	0.002	0.002	0.011
	Toluene	0.011	0.011	0.047
	Xylene (mixed isomers)	0.033	0.033	0.146
	n-Hexane	0.024	0.024	0.103
EQI 0019 009F-003	Benzene	0.002	0.002	0.011
	Toluene	0.011	0.011	0.047
	Xylene (mixed isomers)	0.033	0.033	0.146
	n-Hexane	0.024	0.024	0.103
EQI 0020 009F-004	Benzene	0.002	0.002	0.011
	Toluene	0.011	0.011	0.047
	Xylene (mixed isomers)	0.033	0.033	0.146
	n-Hexane	0.024	0.024	0.103
EQI 0021 009F-005	Benzene	0.002	0.002	0.011
	Toluene	0.011	0.011	0.047

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 4042 - Bear Creek Storage Facility

Activity Number: PER20090001

Permit Number: 0360-00010-V3

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0021 009T-005	Xylene (mixed isomers)	0.033	0.033	0.146
	n-Hexane	0.024	0.024	0.103
EQT 0022 009T-008	Benzene	0.002	0.002	0.011
	Toluene	0.011	0.011	0.047
	Xylene (mixed isomers)	0.033	0.033	0.146
	n-Hexane	0.024	0.024	0.103
EQT 0027 001FM-002	Benzene	0.122	0.140	0.053
	Ethyl benzene	0.673	0.782	0.295
	Toluene	0.535	0.622	0.234
	Xylene (mixed isomers)	1.653	1.921	0.723
	n-Hexane	1.168	1.358	0.511
FUG 0001 001FM-001	Benzene	0.046	0.046	0.202
	Ethyl benzene	0.048	0.048	0.208
	Ethylene glycol	0.074	0.074	0.322
	Toluene	0.073	0.073	0.319
	Xylene (mixed isomers)	0.126	0.126	0.550
	n-Hexane	0.100	0.100	0.440
UNF 0001	Benzene			0.321
	Ethyl benzene			0.503
	Ethylene glycol			0.322
	Formaldehyde			65.398
	Toluene			0.835
	Xylene (mixed isomers)			2.149
	n-Hexane			1.569

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AL ID: 4042 - Bear Creek Storage Facility

Activity Number: PER20090001

Permit Number: 0360-00010-V3

Air - Title V Regular Permit Renewal

EQT 0002 001C-001 - Reciprocating Compressor Engine No. 1 - Cooper-Bessemer 20Q-155H

- 1 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 2 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average
- 3 [LAC 33:III.507.H.1.a] Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.
- 5 [LAC 33:III.507.H.1.a] Equipment/operational data recordkeeping by electronic or hard copy semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Report contains a complete performance and condition analysis, adjustments made, and list for future repairs and/or maintenance work, including scheduled date.
- 6 [LAC 33:III.507.H.1.a] Demonstrate compliance with CO and NOX emission limits of this permit by performing semiannual preventive maintenance analysis and necessary adjustment to maintain compressor/engine performance and emissions in the same range as the initial stack test. Include in this analysis a complete compressor/engine unit performance testing for the natural gas fired internal combustion engine. Include in periodic engine analysis the following: 1) Setup, calibrate, and synchronize the performance analysis equipment per manufacturer's specification. Submit a procedural write up to LDEQ and keep on site. 2) Perform a power cylinder performance analysis with checks for combustion stability, peak pressure angle, detection of misfires, detonation, and pre-ignition. 3) Perform a primary and secondary ignition analysis including checking the ignition timing on each spark plug. 4) Perform a vibration analysis for the detection of mechanical problems such as worn leaking piston rings, piston/cylinder wear, fuel injection problems, etc. 5) Perform a compressor end analysis for detection of leaking valves or rings, or unnecessary recirculation of gas. 6) Check and record the IHP (indicated horsepower) on each end of each compressor cylinder. Determine the compressor load. Observe the PT (pressure vs. time) pattern, the PV (pressure vs. volume) pattern, and vibration traces on the analyzer oscilloscope. Take pictures of these traces for each cylinder. 7) Check and record the BMEP (brake mean effective pressure) on all power cylinders and check all hydraulic lifter adjustments. 8) Balance the load on all power cylinders by indicated horsepower. 9) Reread the IHP on each power cylinder and take pictures of the traces of each cylinder (e.g, PT, PV, and vibration).

SPECIFIC REQUIREMENTS

AI ID: 4042 - Bear Creek Storage Facility

Activity Number: PER20090001

Permit Number: 0360-00010-V3

Air - Title V Regular Permit Renewal

EQT 0002 001C-001 - Reciprocating Compressor Engine No. 1 - Cooper-Bessemer 20Q-155H

- 7 [LAC 33-III.507.H.1.a] Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33-III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 8 [LAC 33-III.509] Carbon monoxide \leq 1.4 g/BHP-hr.
Which Months: All Year Statistical Basis: Hourly maximum
- 9 [LAC 33-III.509] There shall be no visible emissions emitted from this source.
- 10 [LAC 33-III.509] Nitrogen oxides \leq 11.7 g/BHP-hr.
Which Months: All Year Statistical Basis: Hourly maximum

EQT 0003 001C-002 - Reciprocating Compressor Engine No. 2 - Cooper-Bessemer 20Q-155H

- 11 [LAC 33-III.1101.B] Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 12 [LAC 33-III.1311.C] Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average
- 13 [LAC 33-III.507.H.1.a] Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

SPECIFIC REQUIREMENTS

AI ID: 4042 - Bear Creek Storage Facility

Activity Number: PER20090001

Permit Number: 0360-00010-V3

Air - Title V Regular Permit Renewal

EQT 0003 001C-002 - Reciprocating Compressor Engine No. 2 - Cooper-Bessemer 20Q-155H

14 [LAC 33:III.507.H.1.a]

Demonstrate compliance with CO and NOX emission limits of this permit by performing semiannual preventive maintenance analysis and necessary adjustment to maintain compressor/engine performance and emissions in the same range as the initial stack test. Include in this analysis a complete compressor/engine unit performance testing for the natural gas fired internal combustion engine. Include in periodic engine analysis the following: 1) Setup, calibrate, and synchronize the performance analysis equipment per manufacturer's specification. Submit a procedural write up to LDEQ and keep on site. 2) Perform a power cylinder performance analysis with checks for combustion stability, peak pressure angle, detection of misfires, detonation, and pre-ignition. 3) Perform a primary and secondary ignition analysis including checking the ignition timing on each spark plug. 4) Perform a vibration analysis for the detection of mechanical problems such as worn leaking piston rings, piston/cylinder wear, fuel injection problems, etc. 5) Perform a compressor end analysis for detection of leaking valves or rings, or unnecessary recirculation of gas. 6) Check and record the IHP (indicated horsepower) on each end of each compressor cylinder. Determine the compressor load. Observe the PT (pressure vs. time) pattern, the PV (pressure vs. volume) pattern, and vibration traces on the analyzer oscilloscope. Take pictures of these traces for each cylinder. 7) Check and record the BMEP (brake mean effective pressure) on all power cylinders and check all hydraulic lifter adjustments. 8) Balance the load on all power cylinders by indicated horsepower. 9) Reread the IHP on each power cylinder and take pictures of the traces of each cylinder (e.g., PT, PV, and vibration).

15 [LAC 33:III.507.H.1.a]

Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO2 / ton 100% H2SO4, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H2SO4 was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

16 [LAC 33:III.507.H.1.a]

Equipment/operational data recordkeeping by electronic or hard copy semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Report contains a complete performance and condition analysis, adjustments made, and list for future repairs and/or maintenance work, including scheduled date.

17 [LAC 33:III.507.H.1.a]

Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

18 [LAC 33:III.509]

There shall be no visible emissions emitted from this source.

19 [LAC 33:III.509]

Carbon monoxide <= 1.4 g/BHP-hr.

Which Months: All Year Statistical Basis: Hourly maximum

20 [LAC 33:III.509]

Nitrogen oxides <= 11.7 g/BHP-hr.

Which Months: All Year Statistical Basis: Hourly maximum

EQT 0004 001C-003 - Reciprocating Compressor Engine No. 3 - Cooper-Bessemer 20Q-155H

SPECIFIC REQUIREMENTS

AI ID: 4042 - Bear Creek Storage Facility

Activity Number: PER20090001

Permit Number: 0360-00010-V3

Air - Title V Regular Permit Renewal

EQT 0004 001C-003 - Reciprocating Compressor Engine No. 3 - Cooper-Bessemer 20Q-155H

- 21 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
- 22 [LAC 33:III.1311.C] Which Months: All Year Statistical Basis: Six-minute average
Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 24 [LAC 33:III.507.H.1.a] Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.
Equipment/operational data recordkeeping by electronic or hard copy semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Report contains a complete performance and condition analysis, adjustments made, and list for future repairs and/or maintenance work, including scheduled date.
Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- 25 [LAC 33:III.507.H.1.a]
- 26 [LAC 33:III.507.H.1.a]

SPECIFIC REQUIREMENTS

AI ID: 4042 - Bear Creek Storage Facility

Activity Number: PER20090001

Permit Number: 0360-00010-V3

Air - Title V Regular Permit Renewal

EQT 0004 001C-003 - Reciprocating Compressor Engine No. 3 - Cooper-Bessemer 20Q-155H

27 [LAC 33:III.507.H.1.a]

Demonstrate compliance with CO and NOX emission limits of this permit by performing semiannual preventive maintenance analysis and necessary adjustment to maintain compressor/engine performance and emissions in the same range as the initial stack test. Include in this analysis a complete compressor/engine unit performance testing for the natural gas fired internal combustion engine. Include in periodic engine analysis the following: 1) Setup, calibrate, and synchronize the performance analysis equipment per manufacturer's specification. Submit a procedural write up to LDEQ and keep on site. 2) Perform a power cylinder performance analysis with checks for combustion stability, peak pressure angle, detection of misfires, detonation, and pre-ignition. 3) Perform a primary and secondary ignition analysis including checking the ignition timing on each spark plug. 4) Perform a vibration analysis for the detection of mechanical problems such as worn leaking piston rings, piston/cylinder wear, fuel injection problems, etc. 5) Perform a compressor end analysis for detection of leaking valves or rings, or unnecessary recirculation of gas. 6) Check and record the IHP (indicated horsepower) on each end of each compressor cylinder. Determine the compressor load. Observe the PT (pressure vs. time) pattern, the PV (pressure vs. volume) pattern, and vibration traces on the analyzer oscilloscope. Take pictures of these traces for each cylinder. 7) Check and record the BMEP (brake mean effective pressure) on all power cylinders and check all hydraulic lifter adjustments. 8) Balance the load on all power cylinders by indicated horsepower. 9) Reread the IHP on each power cylinder and take pictures of the traces of each cylinder (e.g., PT, PV, and vibration).

There shall be no visible emissions emitted from this source.

28 [LAC 33:III.509]

Nitrogen oxides ≤ 11.7 g/BHP-hr.

29 [LAC 33:III.509]

Which Months: All Year Statistical Basis: Hourly maximum

Carbon monoxide ≤ 1.4 g/BHP-hr.

30 [LAC 33:III.509]

Which Months: All Year Statistical Basis: Hourly maximum

EQT 0005 001C-004 - Reciprocating Compressor Engine No. 4 - Cooper-Bessemer 20Q-155H

31 [LAC 33:III.1101.B]

Opacity ≤ 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

32 [LAC 33:III.1311.C]

Opacity ≤ 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: Six-minute average

33 [LAC 33:III.507.H.1.a]

Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

34 [LAC 33:III.507.H.1.a]

Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

SPECIFIC REQUIREMENTS

AI ID: 4042 - Bear Creek Storage Facility

Activity Number: PER20090001

Permit Number: 0360-00010-V3

Air - Title V Regular Permit Renewal

EQT 0005 001C-004 - Reciprocating Compressor Engine No. 4 - Cooper-Bessemer 20Q-155H

35 [LAC 33:III.507.H.1.a]

Demonstrate compliance with CO and NOX emission limits of this permit by performing semiannual preventive maintenance analysis and necessary adjustment to maintain compressor/engine performance and emissions in the same range as the initial stack test. Include in this analysis a complete compressor/engine unit performance testing for the natural gas fired internal combustion engine. Include in periodic engine analysis the following: 1) Setup, calibrate, and synchronize the performance analysis equipment per manufacturer's specification. Submit a procedural write up to LDEQ and keep on site. 2) Perform a power cylinder performance analysis with checks for combustion stability, peak pressure angle, detection of misfires, detonation, and pre-ignition. 3) Perform a primary and secondary ignition analysis including checking the ignition timing on each spark plug. 4) Perform a vibration analysis for the detection of mechanical problems such as worn leaking piston rings, piston/cylinder wear, fuel injection problems, etc. 5) Perform a compressor end analysis for detection of leaking valves or rings, or unnecessary recirculation of gas. 6) Check and record the IHP (indicated horsepower) on each end of each compressor cylinder. Determine the compressor load. Observe the PT (pressure vs. time) pattern, the PV (pressure vs. volume) pattern, and vibration traces on the analyzer oscilloscope. Take pictures of these traces for each cylinder. 7) Check and record the BMEP (brake mean effective pressure) on all power cylinders and check all hydraulic lifter adjustments. 8) Balance the load on all power cylinders by indicated horsepower. 9) Reread the IHP on each power cylinder and take pictures of the traces of each cylinder (e.g., PT, PV, and vibration).

36 [LAC 33:III.507.H.1.a]

Equipment/operational data recordkeeping by electronic or hard copy semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Report contains a complete performance and condition analysis, adjustments made, and list for future repairs and/or maintenance work, including scheduled date.

37 [LAC 33:III.507.H.1.a]

Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

38 [LAC 33:III.509]

Nitrogen oxides \leq 11.7 g/BHP-hr.

39 [LAC 33:III.509]

Which Months: All Year Statistical Basis: Hourly maximum
There shall be no visible emissions emitted from this source.

40 [LAC 33:III.509]

Carbon monoxide \leq 1.4 g/BHP-hr.

Which Months: All Year Statistical Basis: Hourly maximum

EQT 0006 003G-001 - Generator Engine No. 1 - Caterpillar G399

41 [LAC 33:III.1101.B]

Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI IN 4042 - Rear Creek Storage Facility

Activity Number: PER20090001

Permit Number: 0360-00010-V3

Air - Title V Regular Permit Renewal

EQT 0006 003G-001 - Generator Engine No. 1 - Caterpillar G399

42 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: Six-minute average

43 [LAC 33:III.501.C.6] In order to meet the definition of "emergency stationary RICE" in 40 CFR 63.6675, operation of the generator in non-emergency situations and for purposes other than routine testing and maintenance shall be limited to 50 hours per year. Any such operating time shall be recorded each month, and these records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

EQT 0007 003G-002 - Generator Engine No. 2 - Caterpillar G399

44 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

45 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: Six-minute average

46 [LAC 33:III.501.C.6] In order to meet the definition of "emergency stationary RICE" in 40 CFR 63.6675, operation of the generator in non-emergency situations and for purposes other than routine testing and maintenance shall be limited to 50 hours per year. Any such operating time shall be recorded each month, and these records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

EQT 0008 003A-001 - Air Compressor Engine - Waukesha VRG265

47 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

48 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: Six-minute average

EQT 0009 004H-001 - Regenerative Heater No. 1 - CE Natco H-0500

49 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

50 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AJ ID: 4042 - Bear Creek Storage Facility
Activity Number: PER20090001
Permit Number: 0360-00010-V3
Air - Title V Regular Permit Renewal

EQT 0009 004H-001 - Regenerative Heater No. 1 - CE Natco H-0500

51 [LAC 33:III.509] There shall be no visible emissions emitted from this source.

EQT 0010 004H-002 - Regenerative Heater No. 2 - CE Natco H-0500

52 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

53 [LAC 33:III.1313.C]

Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

54 [LAC 33:III.509]

There shall be no visible emissions emitted from this source.

EQT 0011 004H-003 - Regenerative Heater No. 3 - CE Natco H-0500

55 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

56 [LAC 33:III.1313.C]

Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

57 [LAC 33:III.509]

There shall be no visible emissions emitted from this source.

EQT 0012 007H-001 - Withdrawal Gas Heater No. 1 - Texas Tanque Mfg. Co. 0-2055

58 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

59 [LAC 33:III.1313.C]

Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

60 [LAC 33:III.509]

There shall be no visible emissions emitted from this source.

EQT 0013 007H-002 - Withdrawal Gas Heater No. 2 - Texas Tanque Mfg. Co. 0-2055

61 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AJ ID: 4042 - Rear Creek Storage Facility

Activity Number: PER20090001

Permit Number: 0360-00010-V3

Air - Title V Regular Permit Renewal

EQT 0013 007H-002 - Withdrawal Gas Heater No. 2 - Texas Tanque Mfg. Co. 0-2055

- 62 [LAC 33:III.1313.C] Total suspended particulate \leq 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 63 [LAC 33:III.509] There shall be no visible emissions emitted from this source.

EQT 0014 007H-003 - Withdrawal Gas Heater No. 3 - Texas Tanque Mfg. Co. 0-2055

- 64 [LAC 33:III.1101.B] Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 65 [LAC 33:III.1313.C] Total suspended particulate \leq 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 66 [LAC 33:III.509] There shall be no visible emissions emitted from this source.

EQT 0015 007H-004 - Withdrawal Gas Heater No. 4 - Smalling Technology Inc. P2999

- 67 [LAC 33:III.1101.B] Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 68 [LAC 33:III.1313.C] Total suspended particulate \leq 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified

EQT 0016 007H-005 - Withdrawal Gas Heater No. 5 - Smalling Technology Inc. P2999

- 69 [LAC 33:III.1101.B] Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 70 [LAC 33:III.1313.C] Total suspended particulate \leq 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified

EQT 0017 009T-001 - Condensate Tank No. 1

- 71 [LAC 33:III.2103.I.6] VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored.

EQT 0018 009T-002 - Condensate Tank No. 2

SPECIFIC REQUIREMENTS

AI ID: 4042 - Bear Creek Storage Facility

Activity Number: PER20090001

Permit Number: 0360-00010-V3

Air - Title V Regular Permit Renewal

EQT 0018 009T-002 - Condensate Tank No. 2

72 [LAC 33:III.2103.1.6] VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored.

EQT 0019 009T-003 - Condensate Tank No. 3

73 [LAC 33:III.2103.1.6] VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored.

EQT 0020 009T-004 - Condensate Tank No. 4

74 [LAC 33:III.2103.1.6] VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored.

EQT 0021 009T-005 - Condensate Tank No. 5

75 [LAC 33:III.2103.1.6] VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored.

EQT 0022 009T-006 - Condensate Tank No. 6

76 [LAC 33:III.2103.1.6] VOL storage data recordkeeping by electronic or hard copy continuously. Keep records of the type(s) of VOC stored and the length of time stored.

FUG 0001 001FM-001 - Fugitive Emissions

77 [LAC 33:III.2111] Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

UNF 0001 - Entire Facility

78 [40 CFR 52.21] Comply with the requirements of PSD-LA-85. This permit includes provisions of the Prevention of Significant Deterioration (PSD) review from Permit PSD-LA-85. [40 CFR 52.21, LAC 33:III.509]

79 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.

80 [LAC 33:III.1109.B] Outdoor burning of waste material or other combustible material is prohibited.

81 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.

SPECIFIC REQUIREMENTS

ALID: 4042 - Bear Creek Storage Facility
 Activity Number: PER20090001
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 Air - Title V Regular Permit Renewal

UNF 0001 - Entire Facility

- 82 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 83 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 84 [LAC 33:III.2901.D] Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
- 85 [LAC 33:III.2901.F] If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
- 86 [LAC 33:III.535] Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]
- 87 [LAC 33:III.5611.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 88 [LAC 33:III.5611.B] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- 89 [LAC 33:III.919.D] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.